

228-610

07/29/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 29 2013

Carrie M. Tackema
Nufarm Americas, Inc.
11901 S. Austin Ave.
Alsip, IL 60803

Subject: Amendment to add CDPR text and other minor corrections
EPA Registration No. 228-610
Primary Brand Name: Imi-Lambda Granular T&O Insecticide
Submission Date: July 10, 2013

Dear Ms. Tackema:

The label referred to above, submitted under FIFRA, as amended, is acceptable. Please submit one final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions, please contact Gene Benbow at (703) 347-0235 or via email at benbow.gene@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Venus Eagle".

Venus Eagle
Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7504P)

Imi-Lambda Granular T&O Insecticide

Soil & Turf Insect Killer Granules

For use around buildings and structures for the control of listed pests, including on lawns, around the base of ornamental trees and shrubs, around residential, institutional, public, commercial, agricultural and industrial buildings; and on parks, on recreational areas, and on athletic fields.

[One application kills grubs [including] [larvae of] [Asiatic Garden Beetle], [Black Turfgrass Ataenius], [Chafers], [Japanese Beetle], [May or June Beetle], [and] [Oriental Beetle]

[Apply anytime spring through late summer.]

[Apply anytime from May through mid-August]

[One application kills [White] [Grubs] [and] [European Crane Fly Larvae]

[Kills [White] [Grubs] [and] [European Crane Fly Larvae] before they damage lawns.]

[Easy-to-Use Granules]

[Kills Grubs Now, Prevents them from entering treated area]

[Kills [Controls] many types of insects, including ants, chinch bugs & grubs

[Broadcast with spreader]

Resealable Bag

For Perimeter Treatment Around Your House Foundation

Kills Ants, Mole crickets and other listed insects

Convenient Shaker Bag

[No Spreader]

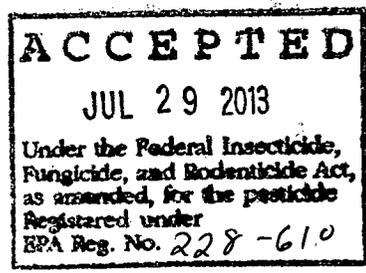
Controls Chinch Bugs and cutworms

[Use on lawns and as a perimeter treatment around your house foundation]

[Grub life cycle and graphics] (see last page for graphics)

[Helps your lawn stay strong during the stressful summer months] (may be included on label if marketed on fertilizer carrier)

[14-0-3] / [X-X-X] (may be included on label if marketed on fertilizer carrier)



Restrictions:

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York.

In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh or stream that drains directly into a coastal marsh.

Sublabel A: Commercial Use

ACTIVE INGREDIENTS

Imidacloprid.....	0.20%
Lambda-cyhalothrin	0.04%

OTHER INGREDIENTS 99.76%

TOTAL: 100.00%

EPA Reg. No. 228-610

Net contents _____

EPA Est. No.

STOP - Read the label before use.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use on side/back panel.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none">▪ Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.▪ Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER In case of Medical emergency only call (877) 325-1840 Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN No specific antidote is available. Treat the patient symptomatically.	

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA Reg. No. 228-610

EPA Est. No.
Net Weight: xx lbs

Manufactured For:
Nufarm Americas Inc.
11901 South Austin Avenue
Alsip, IL 60803
708.377.1330

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long sleeved shirt, long pants, shoes and socks.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This product contains a chemical with properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

[COMMERCIAL USE LABEL LANGUAGE]

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber > 14 mils, nitrile rubber > 14 mils, and neoprene rubber > 14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and other handlers must wear:

Long-sleeved shirt and long pants,

Shoes plus socks,

Chemical-resistant gloves are required for applicators using hand held equipment

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

INTENDED FOR COMMERCIAL APPLICATIONS

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Use Restrictions:

- Keep children and pets off treated area until product has been watered in and lawn is dry.
- Do not apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.
- Do not allow applications to contact water inhabited by fish, such as in ornamental fish ponds that are located around structures being treated.
- Do not apply this product by aerial application.
- Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, do not apply this pesticide within 25 ft. of lakes, reservoirs, rivers, permanent streams, marches or natural ponds, estuaries, and commercial fish farm ponds.
- In New York State, this product may not be applied within 100 feet of a coastal marsh, or streams that drains directly into a coastal marsh.
- All restrictions and precautions which appear on the label of this product must be followed.
- Do not apply more than 4.6 lb of this product per 1,000 square feet or 200 lb of product (0.4 lb of imidacloprid active ingredient) per acre per year.
- Not for use in commercial greenhouses, nurseries on sod farms or on grass grown for seed

IMPORTANT: Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, outdoor ornamental gardens or parks, or on lawns or grounds.

ORNAMENTALS

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes.

APPLICATION INSTRUCTIONS

This product is a systemic product which is translocated upward within the plant system. Follow applications with sufficient mechanical incorporation, irrigation or rainfall to move the active ingredient into the soil within 24 hours after application. Apply prior to pest infestation to achieve optimum control.

Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability.

Do not allow runoff or puddling of irrigation water following application. Do not apply this product to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.

Restriction:

Do not apply more than 4.6 lb of product per 1,000 sq. ft. or 200 lb of product (0.4 lb of imidacloprid active ingredient) per acre per year.

APPLICATION EQUIPMENT

Apply this product uniformly over the area being treated with granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product. Do not use the type of spreaders which would apply the material in concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

APPLICATION OF THIS PRODUCT ON ORNAMENTALS		
For use around industrial and commercial buildings and on residential areas.		
SITE	PEST	RATE
Landscape Plantings (including ornamental trees, shrubs, evergreens, flowers, foliage plants, and ground covers)	White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle)	2 - 3 lbs per 1,000 sq ft

INFORMATION

For use on turfgrass in residential lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields to control soil inhabiting pests as listed in the table below. This product can also be used for the suppression of cutworms and chinchbugs in turfgrass areas.

CONTROL OF GRUBS AND SOIL INSECTS IN TURFGRASS

Effective control can be achieved when applications are made before or during the egg laying period. The timing of applications can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. For best control apply prior to egg hatch of the target pests. Allow rainfall or irrigate sufficiently within 24 hours after application to move the active ingredient through the thatch.

Do not make applications when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The area to be treated must be able to accept vertical penetration of rainfall or irrigation water. Do not mow turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.

Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.

APPLICATION EQUIPMENT

Apply this product uniformly over the area being treated with granular application equipment. Both drop-type and rotary-type spreaders may be used. Do not use spreaders which apply the material in concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

RATES OF THIS PRODUCT FOR GRUB AND SOIL INSECT CONTROL ON TURFGRASS		
PEST	USE DIRECTIONS	RATE
Larvae of: European Crane Fly, (<i>Tipula paludosa</i>) Annual bluegrass weevil, (<i>Hyperodes</i> spp.) Green June Beetle, (<i>Cotinis nitida</i>); May or June beetle, (<i>Phyllophaga</i> spp.); Asiatic garden beetle, (<i>Maladera castanea</i>) Japanese Beetle, (<i>Popillia japonica</i>) Billbug, (<i>Spherophorus</i> spp.) Northern masked chafer and Southern masked chafer, (<i>Cyclocephala borealis</i> , <i>C.</i> <i>immaculata</i> , and/or <i>C. lurida</i>) Black turfgrass ataenius, (<i>Ataenius spretulus</i> and <i>Aphodius</i> spp.) Oriental Beetle, (<i>Anomala orientalis</i>) Cutworms (suppression), European chafer, (<i>Rhizotrogus majalis</i>)	For optimum control of grubs, billbugs, european crane fly and annual bluegrass weevil, make application prior to egg hatch of the target pest.	3.4 - 4.6 lb per 1,000 sq ft (150 - 200 lbs per acre)
Chinchbug (suppression) Mole Crickets, (<i>Scapteriscus</i> spp.)	For suppression of chinchbugs, make application prior to hatching of the instar nymphs. For control of mole crickets make application prior to or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, apply with a remedial insecticide.	4.6 lb per 1,000 sq ft (200 lbs per acre)

LAWN AND PERIMETER PEST CONTROL

This product may be used for applications to maintain outdoor areas where turf and ornamental ground covers are grown such as residential landscaped areas and non residential landscapes around institutional, public, and commercial buildings, and on parks, recreational areas, and athletic fields. Use this product with suitable application equipment to ensure uniform coverage over the treatment area. The application rates listed in the **Lawn and Perimeter Use Rate** table will provide excellent control of the respective pests under typical conditions.

APPLICATION INSTRUCTIONS

Use the higher listed rate for longer length of control. Watering (irrigation or rainfall) following application will dissolve the granules and release the insecticide. Uniform coverage is necessary to provide the most effective level of control. Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area. Start application to turf prior to the establishment of high insect pest populations and significant turf damage. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

TREATMENT	PEST	Rate of Product Per 1000 ft ²	Rate of Product per Acre
Band Treatment Around Foundation	Ants Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Beetles Crickets Earwigs Firebrats Millipedes Mites	2.2 – 3.3 lbs.	97 – 144 lbs.
Overall Lawn Application	Ants Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Armyworms (Fall & Yellow-striped) Crickets Cutworms Earwigs European Crane Flies Grasshoppers Green June Beetles Japanese Beetle (Adult) Leafhoppers Millipedes Mites Lawn moths (Sod webworms) Spider Mites (Twospotted, Spruce) Spittlebugs Springtails	2.2 – 3.3 lbs.	97 – 144 lbs.
Overall Lawn Application	Billbugs Chinch Bugs Dung beetles* Green June beetle grubs* Hyperodes weevils Japanese beetle grubs* Mole Crickets	3.3 – 4.4 lbs	144 – 194 lbs.
Spot Treatment (Not for Use in California)	Ants (excluding carpenter, pharaoh and imported fire ants)	Apply 1 teaspoon to ½ cup over, and 2 ft. around each ant mound	
* Suppression only			

RESTRICTIONS

Treated areas may be replanted with any crop specified on both imidacloprid and lambda cyhalothrin labels, or with any crop for which a tolerance exists for both active ingredients.

For crops not listed on imidacloprid and lambda cyhalothrin labels, or for crops for which no tolerances for the active ingredients have been established, a 12-month plant-back interval must be observed.

SPECIFIC USE INSTRUCTIONS

Treatment around Foundations

To control listed pests normally found around or near foundations of houses, as well as in lawns, and certain of these pests that may enter houses.

PEST	RATE	USE INSTRUCTIONS
Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Beetles Crickets Earwigs Firebrats Millipedes Mites	Apply at the rate of 2.2 lb to 3.3 lb per 1,000 sq. ft. (an area 5' x 200') oz. or 3.5 oz. to 5.3 oz. per 100 sq. ft. (10' x 10').	Apply a 3 to 10 foot band of granules next to the house foundation and completely distribute the granules. Water lightly immediately following application. Treat when insects first appear or when you notice lawn damage. Remove leaf litter and debris from the foundation area. Cut back branches and vegetation that touch the foundation. Rake away other potential pest harborage sites, such as deep mulch before application.

Overall Lawn Application

PEST	RATE	USE INSTRUCTIONS
Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Armyworms (Fall & Yellow-striped) European Crane Flies Crickets Cutworms Earwigs Lawn moths (sod webworms) Grasshoppers Japanese beetle (adults) Spittlebugs Mites Green June Beetles Leafhoppers Millipedes Springtails	Apply at the rate of 2.2 lb to 3.3 lb per 1,000 sq. ft. (an area 20' x 50') or 3.5 oz. to 5.3 oz. per 100 sq. ft. (10' x 10').	Apply with a fertilizer spreader (see spreader setting chart). Apply when grass is dry and water the lawn lightly immediately following application. Treat when insects first appear or when you notice lawn damage.
Billbugs Grubs (Japanese beetle grubs, Green June Beetle Grubs) <i>Ataenus spretulus</i> (dung beetles) Hyperodes Weevils Mole Crickets Chinch bugs	Apply 3.3 lb. per 1,000 sq. ft. of lawn.	Water grass completely immediately following application. Treat when insects first appear or when you notice lawn damage. For hyperodes weevils , apply in April-May. For billbug control , apply in May when activity is first observed or when chewed or brown grass indicates damage from these insects. For grub control , except on dung beetle, treat any time between late July and early October. For dung beetle grub control , apply in early spring or early summer (March-July) when damage is first noticed. Immediately following application, completely water grass with ¼ to ½ inch of water. If a second generation occurs, treat again in late summer or early fall. For chinch bug control , apply at higher rates during the summer when both nymphs and adults may be present. For mole crickets apply in the early spring for control of adults when actively invading grass areas. If the soil is dry, water before application to bring mole crickets closer to the surface and in contact with the granules. Apply late in the day and water in following application. For control of early nymphal stages, apply at the time of peak egg hatch. As the nymphs mature, higher rates may be necessary.

Spot Treatment (Not For Use In California)

PEST	RATE	USE INSTRUCTIONS
Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants)	Apply 1 teaspoon to ½ cup over, and 2 ft. around each ant mound	Use both broadcast and spot treatment for difficult to large ant infestations. If soil is dry, water lightly before application to bring the ants closer to the surface for better control. Immediately following application, water in completely. Apply a minimum of 1 gallon of water to each mound area. To prevent the disturbance of ants, water gently. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. For best results, apply in cool weather, 65°-80° F, or in early morning or late evening hours. Treat new mounds as they appear.

Spreader Settings for Lawn Application

Spreader Settings			
The following chart can be used as a guide to establish an accurate rate of this product. Application rates will vary depending on speed, equipment wear, and condition of spreader. Carefully calibrate application equipment prior to commercial use of this product.			
SPREADER	SPEED (mph)	SETTINGS	
		150 lb/acre	200 lb/acre
Cyclone Model CB4000			
Earthway Drop			
Earthway 10' Rotary			
GandyTurf Tender24"			
GandyTurf Tender 42"			
Lely	{TO BE ADDED AT PRINTING}		
Lesco Model 6000			
PS8 Prizelawn CBR-II			
Scotts Proturf R-8A			
Scott's Proturf SR-1			
Scott's PF-1, PF-2, PF-3, PF-4 Drop			
Scott's SS-1 Drop			
Spyker Model 34			
Vicon Model PS-203			

NOTE: The spreader settings stated are approximate. Precisely weigh a few pounds into your spreader and apply to a measured area. To assure correct rate of application, adjust spreader settings if needed.

Optional Spreader Settings chart and text may be used with fertilizer carriers:

Spreader settings for Lawn Application

Make & Model	x.x lb/ 1,000 sq. ft.	Make & Model	x.x lb/ 1,000 sq. ft.
Scotts EdgeGuard	4 ¼	Scotts AccuGreen 1000	5 ½
Scotts SpeedyGreen	4 ¼	Scotts AccuGreen 2000	5 ½

1000			
Scotts SpeedyGreen 2000	4 ¼	Scotts AccuGreen 3000	5 ½
Scotts SpeedyGreen 3000	4 ¼	Earthway 2000	8
Vigoro 4300	3	Earthway 2050	6

[Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.]

[Typically, a lawn utilizes 1 to 4 lbs of nitrogen per 1,000 sq ft per growing season. When applied as directed, this product provides x.xx lb of nitrogen per 1,000sq ft. Contact your local Extension Service for information specific to your geographic region. [(optional text when using fertilizer carriers.)]

GUARANTEED ANALYSIS 14-0-3
Total Nitrogen (N).....14%
 14.0% Urea Nitrogen
Soluble Potash (K2O).....3%

Derived from: Urea, Muriate of Potash

F1074] (optional text when using fertilizer carriers)

[Typically, a lawn utilizes 1 to 4 lbs of nitrogen per 1,000 sq ft per growing season. When applied as directed, this product provides x.xx lb of nitrogen per 1,000sq ft. Contact your local Extension Service for information specific to your geographic region.]

[When applied as directed this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.]

[Information regarding the contents and level of metals in this product is available on the Internet at <http://www.regulatory-info-sb.com>]

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container. Keep area inaccessible to children and pets.

PESTICIDE DISPOSAL: Pesticide wastes may be hazardous. Improper disposal of excess pesticide is a violation of Federal Law. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV07292013)

[Grub life cycle and graphics]



Optional Text:

{XX} [lbs.] [pounds] [treats] [covers] up to {XXXX} [square feet] [sq. ft.] [ft.²]

[INTENDED FOR RESIDENTIAL USE LABEL LANGUAGE]

For use on Lawns, Ground Covers, Flower Beds, and around the base of Ornamental Trees & Shrubs. Kills Grubs, European Crane Fly Larvae and Mole Crickets.

[One application kills grubs [including] [larvae of] [Asiatic Garden Beetle], [Black Turfgrass Ataenius], [Chafers], [Japanese Beetle], [May or June Beetle], [and] [Oriental Beetle]

[Apply anytime spring through late summer.]

[Apply anytime from May through mid-August]

[One application kills [White] [Grubs] [and] [European Crane Fly Larvae]

[Kills [White] [Grubs] [and] [European Crane Fly Larvae] before they damage lawns.]

[Easy-to-Use Granules]

[Kills Grubs Now, Prevents them from entering treated area]

Kills [Controls] many types of insects, including ants, chinch bugs & grubs

[Broadcast with spreader]

Resealable Bag

For Perimeter Treatment Around Your House Foundation

Kills Ants (excluding carpenter, pharaoh and imported fire ants) Mole crickets and other listed insects

Convenient Shaker Bag

[No Spreader]

Controls Chinch Bugs and cutworms

[Use on lawns and as a perimeter treatment around your house foundation]

[Grub life cycle and graphics] (see last page for graphics)

[Helps your lawn stay strong during the stressful summer months] (may be included on label if marketed on fertilizer carrier)

[14-0-3] / [X-X-X] (may be included on label if marketed on fertilizer carrier)

Restrictions:

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York.

In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh or stream that drains directly into a coastal marsh.

Sublabel B: Residential Use

ACTIVE INGREDIENTS

Imidacloprid.....0.20%

Lambda-cyhalothrin0.04%

OTHER INGREDIENTS99.76%

TOTAL: 100.00%

EPA Reg. No. 228-610

EPA Est. No.

Net contents _____

STOP - Read the label before use.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

16/
25

See additional precautionary statements and directions for use on side/back panel.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none">▪ Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.▪ Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER In case of Medical emergency only call (877) 325-1840 Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN No specific antidote is available. Treat the patient symptomatically.	

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA Reg. No. 228-610

Net Weight: xx lbs

Manufactured For:
Nufarm Americas, Inc.
11901 South Austin Avenue
Alsip, IL 60803

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long sleeved shirt, long pants, shoes and socks.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact any person or pet, either directly or through drift.

Keep people and pets out of the area during application. Keep children and pets off treated area until product has been watered in and lawn is dry. Applicators and other handlers who handle this product should wear long-sleeved shirt, long pants, and shoes with socks.

RESTRICTION:

Do not apply more than 4.6 lb of this product per 1,000 square feet or 200 lb of product (0.4 lb of imidacloprid active ingredient) per acre per year.

INTENDED FOR RESIDENTIAL TURF AND ORNAMENTAL APPLICATIONS

INFORMATION

This product can be used on lawns, flower beds, ground covers, ornamental trees and shrubs to control White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle), Mole Crickets and European Crane Fly Larvae.

For best results, apply this product before grubs, mole crickets or European crane fly larvae hatch and can cause any damage. Contact your County Extension Agent for the best dates to apply in your area.

Pests Controlled	When to Apply	Indication of Damage
Grubs	Apply once anytime from May through mid-August.	White grubs cause widespread damage to lawns by feeding on grass roots, causing it to turn yellow, then brown and die.
European crane fly larvae	Apply once, when these insects are present in large numbers, late summer to mid-fall.	European crane fly larvae cause damage by feeding on grass roots and disturbing the soil surface.
Mole Crickets	Apply once anytime from mid-May through mid-June. Florida residents-Apply once anytime between early April through early May.	Mole crickets cause widespread damage by tunneling through the soil, while some species also feed on roots. Tunneling through the soil uproots the grass causing it to dry out, become thin and weedy, turn yellow and eventually die.

FLOWER BEDS, GROUND COVERS, ORNAMENTAL TREES AND SHRUBS

Application Instructions

Apply this product at the rate of 1 tablespoon per 10 square feet of planting bed (3/4 cup per 100 square feet of planting bed). Evenly spread granules to the soil over flower beds, ground cover plantings, and ornamental shrub beds and under ornamental trees. Use a hand-held spreader. Rake granules into the soil around plants. Water thoroughly after application.

APPLICATION OF THIS PRODUCT ON ORNAMENTALS		
For use around flower beds, ground covers, ornamental trees and shrubs.		
SITE	PEST	RATE
Flower beds, ground covers, ornamental trees and shrubs	White grub larvae (such as Japanese beetle larvae, Chafers, Asiatic garden beetle, Oriental beetle)	1 TBSP per 10 sq ft 3/4 cup per 100 sq ft 2 to 3 lbs per 1,000 sq ft

LAWNS

Application Instructions

For best control apply prior to egg hatch of the target pests. Allow rainfall or irrigate sufficiently within 24 hours after application to move the active ingredient through the thatch.

Do not make applications when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The area to be treated must be able to accept vertical penetration of

rainfall or irrigation water. Do not mow turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.

RATES OF THIS PRODUCT FOR GRUB AND SOIL INSECT CONTROL ON TURFGRASS		
PEST	USE DIRECTIONS	RATE
Larvae of: European Crane Fly Annual bluegrass weevil Green June Beetle May or June beetle Asiatic garden beetle Japanese Beetle Billbug Northern masked chafer and Southern masked chafer Black turfgrass ataenius Oriental Beetle Cutworms (suppression) European chafer	For optimum control of grubs, billbugs, European crane fly and annual bluegrass weevil, make application prior to egg hatch of the target pest.	3.4 - 4.6 lb per 1,000 sq ft
Chinch bug (suppression) Mole Crickets	For suppression of chinch bugs, make application prior to hatching of the instar nymphs. For control of mole crickets make application prior to or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, apply with a remedial insecticide.	4.6 lb per 1,000 sq ft

APPLICATION EQUIPMENT

See Spreader Settings chart below. Adjust spreader to the appropriate setting. Make sure that the spreader works properly and spreads granules uniformly. Apply to the border and then fill in the center to ensure the entire area is covered completely. To make sure that the product is evenly distributed, walk at a steady pace making parallel passes. Do not use a spreader that applies granules in concentrated or uneven bands. Water thoroughly after application.

Apply early before grubs, mole crickets and European crane fly larvae hatch. Irrigate thoroughly within 24 hours of application to form a protective zone in the soil. Do not mow until granules are watered into the soil and grass has dried. Do not apply to water saturated areas. This may decrease product effectiveness. This product can be applied over soil or mulch. Remove black plastic or other weed barrier material prior to application.

Broadcast Spreaders Model	2.0 lb. rate	3.0 lb. rate	3.4 lb. rate	4.6 lb. rate	Distance Between Passes (ft.)
	Setting	Setting	Setting	Setting	
Cyclone Rotary					
Earthway Rotary					
EV-N Speed					
K-Gro Rotary					
Ortho Rotary					
Precision Rotary (#SB50)	<i>{Spreader settings available at printing}</i>				
Red Devil Rotary					
Republic EZ Rotary (#540)					
Scotts Easygreen (#EG-3)					
Scotts Speedygreen 1000					
Scotts Speedygreen 2000					
Scotts Speedygreen 3000					
Sears Rotary					
True Temper Rotary					
Vigoro Rotary					
Drop Spreaders Model	2.0 lb. rate	3.0 lb. rate	3.4 lb. rate	4.6 lb. rate	Distance Between Passes (ft.)
	Setting	Setting	Setting	Setting	
Amzs Drop					
K-Gro Drop					
Ortho Drop					
Precision Drop (#FH22G)					

Red Devil Drop	{Spreader settings available at printing}				
Republic EZ Drop (#530)					
Scotts Accugreen 1000					
Scotts Accugreen 2000					
Scotts Accugreen 3000					
Scotts Drop (#PF1, PF2, PF3, PF4)					
Sears Drop					
Sta-Green Drop					
Vigoro Drop					
<p>*Spreader settings are approximate. The condition of your spreader, the speed that you walk, and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's instructions.</p> <p>TIP: 1,000 sq. ft. = 20 ft. x 50 ft.</p>					

[Optional Spreader Settings chart and text may be used with fertilizer carriers:]

Spreader settings for Lawn Application

Make & Model	x.x lb/ 1,000 sq. ft.	Make & Model	x.x lb/ 1,000 sq. ft.
Scotts EdgeGuard	4 ¼	Scotts AccuGreen 1000	5 ½
Scotts SpeedyGreen 1000	4 ¼	Scotts AccuGreen 2000	5 ½
Scotts SpeedyGreen 2000	4 ¼	Scotts AccuGreen 3000	5 ½
Scotts SpeedyGreen 3000	4 ¼	Earthway 2000	8
Vigoro 4300	3	Earthway 2050	6

[Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.]

[Typically, a lawn utilizes 1 to 4 lbs of nitrogen per 1,000 sq ft per growing season. When applied as directed, this product provides x.xx lb of nitrogen per 1,000sq ft. Contact your local Extension

Service for information specific to your geographic region. [(optional text when using fertilizer carriers.

<u>[GUARANTEED ANALYSIS</u>	<u>14-0-3</u>
<u>Total Nitrogen (N).....</u>	<u>14%</u>
<u>14.0% Urea Nitrogen</u>	
<u>Soluble Potash (K2O).....</u>	<u>3%</u>

Derived from: Urea, Muriate of Potash

F1074] (optional text when using fertilizer carriers)

[Typically, a lawn utilizes 1 to 4 lbs of nitrogen per 1,000 sq ft per growing season. When applied as directed, this product provides x.xx lb of nitrogen per 1,000sq ft. Contact your local Extension Service for information specific to your geographic region.]

[When applied as directed this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.]

[Information regarding the contents and level of metals in this product is available on the Internet at HTTP// www.regulatory-info-sb.com]

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container. Keep area inaccessible to children and pets.

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV07292013)

[Grub life cycle and graphics]



Optional Text:

{XX} [lbs.] [pounds] [treats] [covers] up to {XXXX} [square feet] [sq. ft.] [ft. ²]

LABEL HISTORY

FILE NAME	RV DATE	Comments
000228-00610.20091005.EPAFIN clean will submit clean on 10.5.2009.doc	RV100509	FIN
000228-00610.20110413.EPA Not	RV041311	EPA Not PRN 98-10 & 07-04
000228-00610.20110517.EPA Not	RV051711	Made changes per EPA Letter 05/17/2011
000228-00610.20110524.MASTER	RV052411	EPA Accepted Notification
000228-00610.20120125.EPA Not	RV012511	EPA Notification
000228-00610.20120210.EPA Not	RV021011	EPA Accepted Notification
000228-00610.20120210.EPA Not	RV021011	CA Typos 11/28/12
000228-00610.20130621.EPA Notif	RV062113	Environmental Hazards language and spot treatment "not for use in CA" 06/21/13
000228-00610.20130710.draft	RV07102013	Re-submission as AMEND per EPA denial of NOTIF. 7-10-13
000228-00610.20130718.draft	RV07182013	EPA required changes
000228-00610.20130722.draft	RV07222013	EPA required changes
000228-00610.20130729.draft	RV07292013	EPA required changes